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## Table of Contents

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[My Saved Data](#)
[Search Filters](#)
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# PubMed

Search: diabetes free insulin receptor subunit alpha (diagnose or diagnosis)

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## Search Details

### Query Translation:

```
((("diabetes mellitus"[MeSH Terms] OR ("diabetes"[All Fields] AND "mellitus"[All Fields]) OR "diabetes mellitus"[All Fields] OR "diabetes"[All Fields] OR "diabetes insipidus"[MeSH Terms] OR ("diabetes"[All Fields] AND "insipidus"[All Fields]) OR "diabetes insipidus"[All Fields]) AND free[All Fields] AND ("receptor, insulin"[MeSH Terms] OR ("receptor"[All Fields] AND "insulin"[All Fields]) OR "insulin receptor"[All Fields] OR ("insulin"[All Fields] AND "receptor"[All Fields])) AND subunit[All Fields] AND alpha[All Fields])
```

 

Result:

4

### Translations:

diabetes	"diabetes mellitus"[MeSH Terms] OR ("diabetes"[All Fields] AND "mellitus"[All Fields]) OR "diabetes mellitus"[All Fields] OR "diabetes"[All Fields] OR "diabetes insipidus"[MeSH Terms] OR ("diabetes"[All Fields] AND "insipidus"[All Fields]) OR "diabetes insipidus"[All Fields]
insulin receptor	"receptor, insulin"[MeSH Terms] OR ("receptor"[All Fields] AND "insulin"[All Fields]) OR "insulin receptor"[All Fields] OR ("insulin"[All Fields] AND "receptor"[All Fields])
diagnosis	"diagnosis"[Subheading] OR "diagnosis"[All Fields] OR "diagnosis"[MeSH Terms]

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Search: diabetes free insulin receptor subunit

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## Results: 1 to 20 of 26

1. Suppression of KATP channel activity protects murine pancreatic beta cells against oxidative stress.  
Gier B, Krippeit-Drews P, Sheiko T, Aguilar-Bryan L, Bryan J, Düfer M, Drews G.  
J Clin Invest. 2009 Nov;119(11):3246-56. doi: 10.1172/JCI38817. Epub 2009 Oct 1.  
PMID: 19805912 [PubMed - indexed for MEDLINE]  
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2. EGFR tyrosine kinase inhibitor (PD153035) improves glucose tolerance and insulin action in high-fat diet-fed mice.  
Prada PO, Ropelle ER, Mourão RH, de Souza CT, Pauli JR, Cintra DE, Schenka A, Rocco SA, Rittner R, Franchini KG, Vassallo J, Velloso LA, Carvalheira JB, Saad MJ.  
Diabetes. 2009 Dec;58(12):2910-9. Epub 2009 Aug 20.  
PMID: 19696185 [PubMed - indexed for MEDLINE]
3. A patient with thyrotropinoma cosecreting growth hormone and follicle-stimulating hormone with low alpha-glycoprotein: a new subentity?  
Elhadd TA, Ghosh S, Teoh WL, Trevethick KA, Hanzely Z, Dunn LT, Malik IA, Collier A.  
Thyroid. 2009 Aug;19(8):899-903.  
PMID: 19534624 [PubMed - indexed for MEDLINE]
4. Decoding the cryptic active conformation of a protein by synthetic photoscanning: insulin inserts a detachable arm between receptor domains.  
Xu B, Huang K, Chu YC, Hu SQ, Nakagawa S, Wang S, Wang RY, Whittaker J, Katsoyannis PG, Weiss MA.  
J Biol Chem. 2009 May 22;284(21):14597-608. Epub 2009 Mar 25.  
PMID: 19321435 [PubMed - indexed for MEDLINE]
5. G(s)alpha deficiency in skeletal muscle leads to reduced muscle mass, fiber-type switching, and glucose intolerance without insulin resistance or deficiency.  
Chen M, Feng HZ, Gupta D, Kelleher J, Dickerson KE, Wang J, Hunt D, Jou W, Gavrilova O, Jin JP, Weinstein LS.  
Am J Physiol Cell Physiol. 2009 Apr;296(4):C930-40. Epub 2009 Jan 21.  
PMID: 19155402 [PubMed - indexed for MEDLINE]
6. A rare mutation in ABCC8/SUR1 leading to altered ATP-sensitive K+ channel activity and beta-cell glucose sensing is associated with type 2 diabetes in adults.  
Tarasov AI, Nicolson TJ, Riveline JP, Taneja TK, Baldwin SA, Baldwin JM, Charpentier G, Gautier JF, Froguel P, Vaxillaire M, Rutter GA.  
Diabetes. 2008 Jun;57(6):1595-604. Epub 2008 Mar 17.  
PMID: 18346985 [PubMed - indexed for MEDLINE]  
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7. Growth hormone regulation of p85alpha expression and phosphoinositide 3-kinase activity in adipose tissue: mechanism for growth hormone-mediated insulin resistance.  
del Rincon JP, Iida K, Gaylinn BD, McCurdy CE, Leitner JW, Barbour LA, Kopchick JJ, Friedman JE, Draznin B, Thorner MO.  
Diabetes. 2007 Jun;56(6):1638-46. Epub 2007 Mar 15.  
PMID: 17363744 [PubMed - indexed for MEDLINE]  
[Free article](#)
8. C-reactive protein induces phosphorylation of insulin receptor substrate-1 on Ser307 and Ser 612 in L6

- myocytes, thereby impairing the insulin signaling pathway that promotes glucose transport.  
D'Alessandris C, Lauro R, Presta I, Sesti G.  
*Diabetologia*. 2007 Apr;50(4):840-9. Epub 2007 Feb 6.  
PMID: 17279354 [PubMed - indexed for MEDLINE]
9. Glucose-dependent regulation of gamma-aminobutyric acid (GABA A) receptor expression in mouse pancreatic islet alpha-cells.  
Bailey SJ, Ravier MA, Rutter GA.  
*Diabetes*. 2007 Feb;56(2):320-7.  
PMID: 17259375 [PubMed - indexed for MEDLINE]  
[Free article](#)
  10. Production of a recombinant cholera toxin B subunit-insulin B chain peptide hybrid protein by *Brevibacillus choshinensis* expression system as a nasal vaccine against autoimmune diabetes.  
Yuki Y, Hara-Yakoyama C, Guadiz AA, Udaoka S, Kiyono H, Chatterjee S.  
*Biotechnol Bioeng*. 2005 Dec 30;92(7):803-9.  
PMID: 16142801 [PubMed - indexed for MEDLINE]
  11. Identification of the beta cell antigen targeted by a prevalent population of pathogenic CD8+ T cells in autoimmune diabetes.  
Lieberman SM, Evans AM, Han B, Takaki T, Vinnitskaya Y, Caldwell JA, Serreze DV, Shabanowitz J, Hunt DF, Nathenson SG, Santamaria P, DiLorenzo TP.  
*Proc Natl Acad Sci U S A*. 2003 Jul 8;100(14):8384-8. Epub 2003 Jun 18.  
PMID: 12815167 [PubMed - indexed for MEDLINE]  
[Free article](#)
  12. Fatty acid and phorbol ester-mediated interference of mitogenic signaling via novel protein kinase C isoforms in pancreatic beta-cells (INS-1).  
Wrede CE, Dickson LM, Lingohr MK, Briaud I, Rhodes CJ.  
*J Mol Endocrinol*. 2003 Jun;30(3):271-86.  
PMID: 12750799 [PubMed - indexed for MEDLINE]  
[Free article](#)
  13. Potentiation of insulin signaling in tissues of Zucker obese rats after acute and long-term treatment with PPARgamma agonists.  
Jiang G, Dallas-Yang Q, Li Z, Szalkowski D, Liu F, Shen X, Wu M, Zhou G, Doeber T, Berger J, Moller DE, Zhang BB.  
*Diabetes*. 2002 Aug;51(8):2412-9.  
PMID: 12145152 [PubMed - indexed for MEDLINE]  
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  14. Downregulated IRS-1 and PPARgamma in obese women with gestational diabetes: relationship to FFA during pregnancy.  
Catalano PM, Nizielski SE, Shao J, Preston L, Qiao L, Friedman JE.  
*Am J Physiol Endocrinol Metab*. 2002 Mar;282(3):E522-33.  
PMID: 11832553 [PubMed - indexed for MEDLINE]  
[Free article](#)
  15. The level of the glycogen targeting regulatory subunit B5 of protein phosphatase 1 is decreased in the livers of insulin-dependent diabetic rats and starved rats.  
Browne GJ, Delibegovic M, Keppens S, Stalmans W, Cohen PT.  
*Biochem J*. 2001 Dec 1;360(Pt 2):449-59.  
PMID: 11716774 [PubMed - indexed for MEDLINE]  
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  16. Binding protein-3-selective insulin-like growth factor I variants: engineering, biodistributions, and clearance.  
Dubaqué Y, Mortensen DL, Intintoli A, Hogue DA, Nakamura G, Rancatore P, Lester P, Sadick MD, Filvaroff

- E, Fielder PJ, Lowman HB.  
Endocrinology. 2001 Jan;142(1):165-73.  
PMID: 11145579 [PubMed - indexed for MEDLINE]  
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17. A novel insulin mimetic without a proliferative effect on vascular smooth muscle cells.  
Weber MA, Lidor A, Arora S, Salituro GM, Zhang BB, Sidawy AN.  
J Vasc Surg. 2000 Dec;32(6):1118-26.  
PMID: 11107683 [PubMed - indexed for MEDLINE]
18. A synthetic peptide derived from a CCOH-terminal domain of the insulin receptor specifically enhances insulin receptor signaling.  
Kole HK, Liotta AS, Kole S, Roth J, Montrose-Rafizadeh C, Bernier M.  
J Biol Chem. 1996 Dec 6;271(49):31619-26.  
PMID: 8840151 [PubMed - indexed for MEDLINE]  
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19. Adrenergic desensitization in left ventricle from streptozotocin diabetic swine.  
Roth DA, White CD, Hamilton CD, Hall JL, Stanley WC.  
J Mol Cell Cardiol. 1995 Oct;27(10):2315-25.  
PMID: 8576945 [PubMed - indexed for MEDLINE]
20. Insulin-induced activation of phosphatidylinositol 3-kinase. Demonstration that the p85 subunit binds directly to the CCOH terminus of the insulin receptor in intact cells.  
Levy-Toledano R, Taouis M, Blaettler DH, Gorden P, Taylor SI.  
J Biol Chem. 1994 Dec 9;269(49):31178-82.  
PMID: 7938069 [PubMed - indexed for MEDLINE]  
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Search: diabetes free insulin receptor subunit alpha (diagnose or diagnosis)

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## Results: 4

1. EGFR tyrosine kinase inhibitor (PD153035) improves glucose tolerance and insulin action in high-fat diet-fed mice.  
Prada PO, Ropelle ER, Mourão RH, de Souza CT, Pauli JR, Cintra DE, Schenka A, Rocco SA, Rittner R, Franchini KG, Vassallo J, Velloso LA, Carnevali JB, Saad MJ.  
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*Am J Physiol Cell Physiol.* 2009 Apr;296(4):C930-40. Epub 2009 Jan 21.  
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